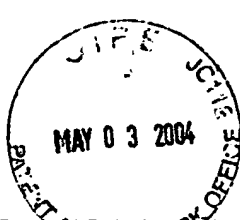


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PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/246,603	
	Filing Date	02/08/1999	
	First Named Inventor	David Lloyed Brown	
	Art Unit	3737	
	Examiner Name	Ruth S. Smith	
Total Number of Pages in This Submission	13	Attorney Docket Number	14351-0202

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postage paid postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Bruce M. Canter, Reg. No. 34,792
Signature	<i>B. M. Canter</i>
Date	

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Maria Nadal

Maria Nadal

PATENT

Applicant: **David Lloyd Brown**

Serial No.: 09/246,603

Filed: 02/08/1999

Title: **System for Locating
Inflamed Plaque in a Vessel**

EXAMINER: **RUTH S. SMITH**

Group Art Unit: 3737

Atty Docket No.: 14351-0202

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AMENDMENT AND REMARKS

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Dear Sir:

The Applicant submits the following Amendment and Remarks in Response to the Office Action dated March 31, 2004 in the above referenced patent application.

Amendments to the Claims which were submitted in Applicant's reply previously filed on January 5, 2004, are reprinted below for the Examiner's convenience and reflected in the listing of claims which begins on page 2 of this paper.

The Remarks begin on page 11 of this paper.